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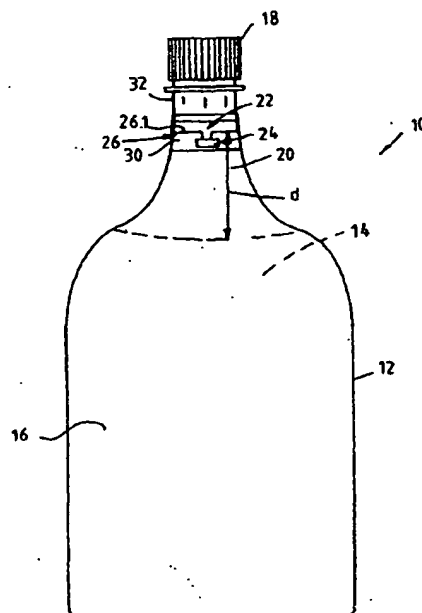
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(54) **Method of mounting RF transponders on containers**

(57) A container 10 comprises a reflective contents 16 which, in use, reflects radio frequency energy. A transponder 22 of a radio frequency identification is mounted on the container. The identification system operates with an energizing signal having an operating wavelength. The transponder comprises an antenna 26 comprising a feed element 26.1. The feed element is spaced from reflective contents 16 by an electrical distance of at least  $\lambda/100$ . A dielectric medium 20 is located between the feed element and the reflective element, to space the feed element from the reflective contents.



**FIGURE 1**



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## EUROPEAN SEARCH REPORT

Application Number  
EP 00 30 7807

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G06K
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>6 December 2001</b>	Examiner <b>de Ronde, J.</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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